

32 nd ADODCAS - Williamsburg - VA - Feb. 2-5, 1999

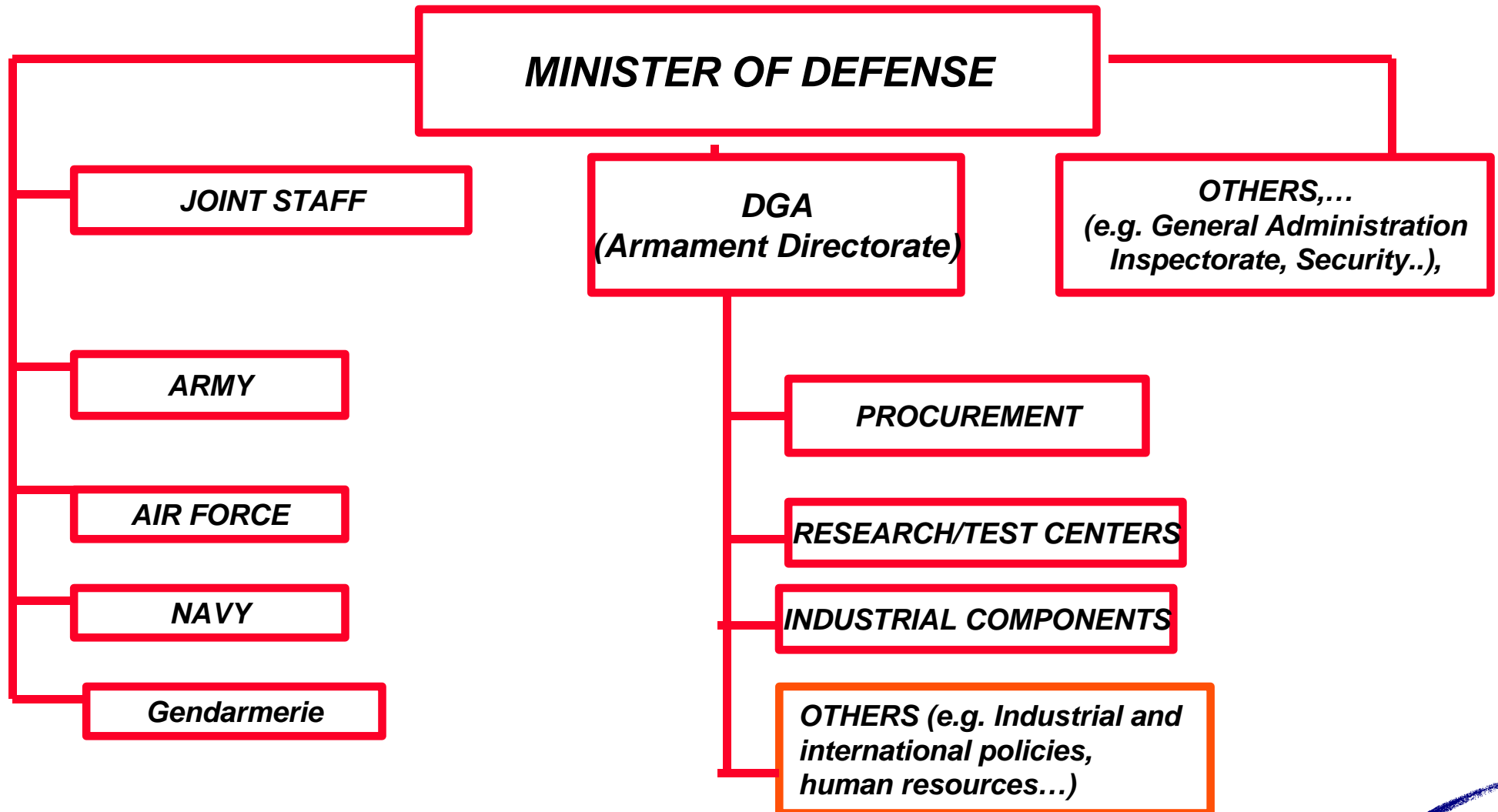
COST ANALYSIS IN FRENCH ARMAMENT PROGRAMS

by

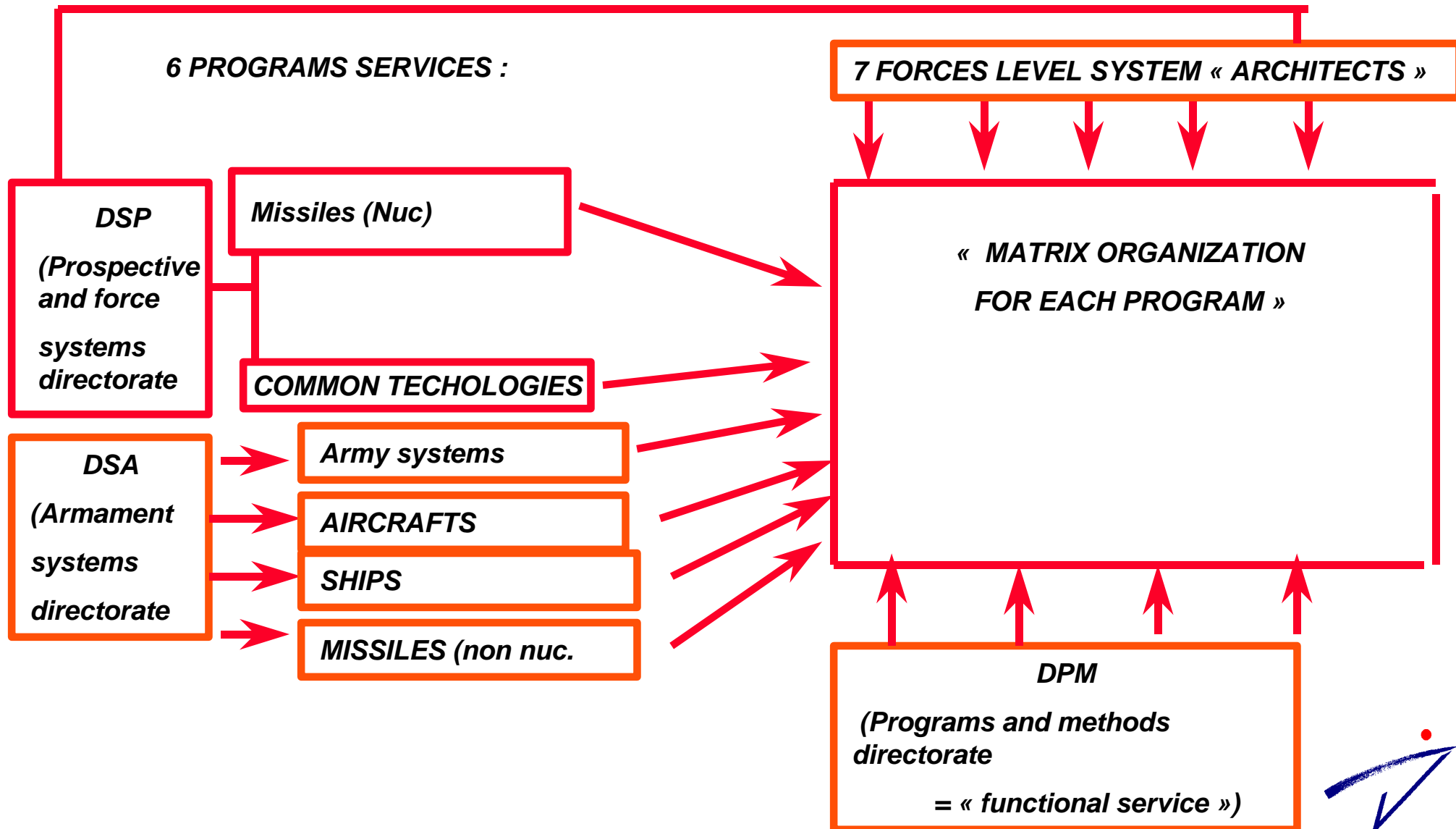
Mr. Yves COTTIN

**Chief of the Cost Experts Department
of the Ship Programs Service of DGA
(DSA/SPN/GP/EC)**

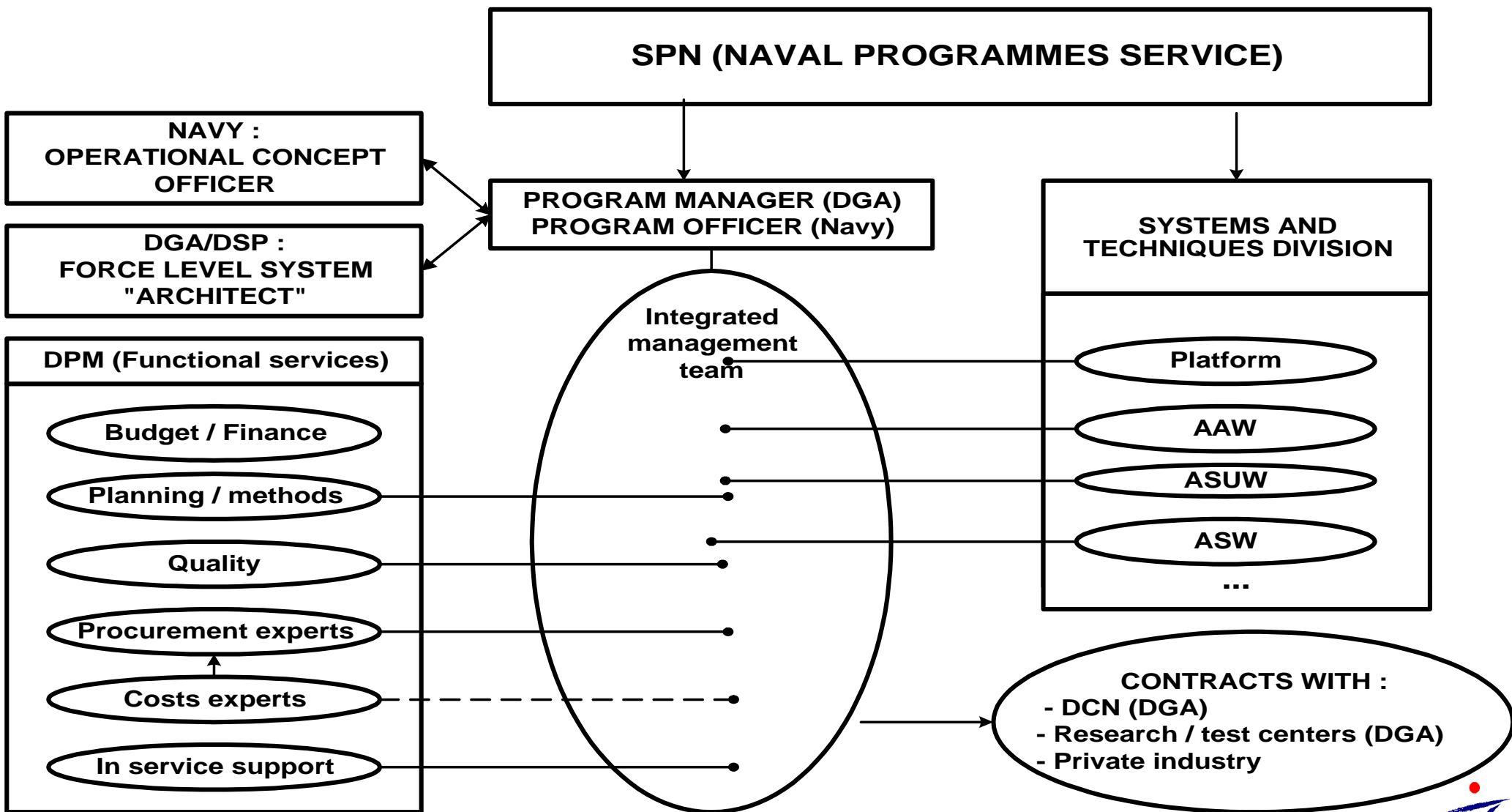
FRENCH MOD - GENERAL ORGANIZATION



DGA - PROCUREMENT



TYPICAL SHIP PROGRAM ORGANIZATION



COST EXPERTS DEPARTMENT

TWO MISSIONS (THEREFORE TWO SPECIALTIES) :

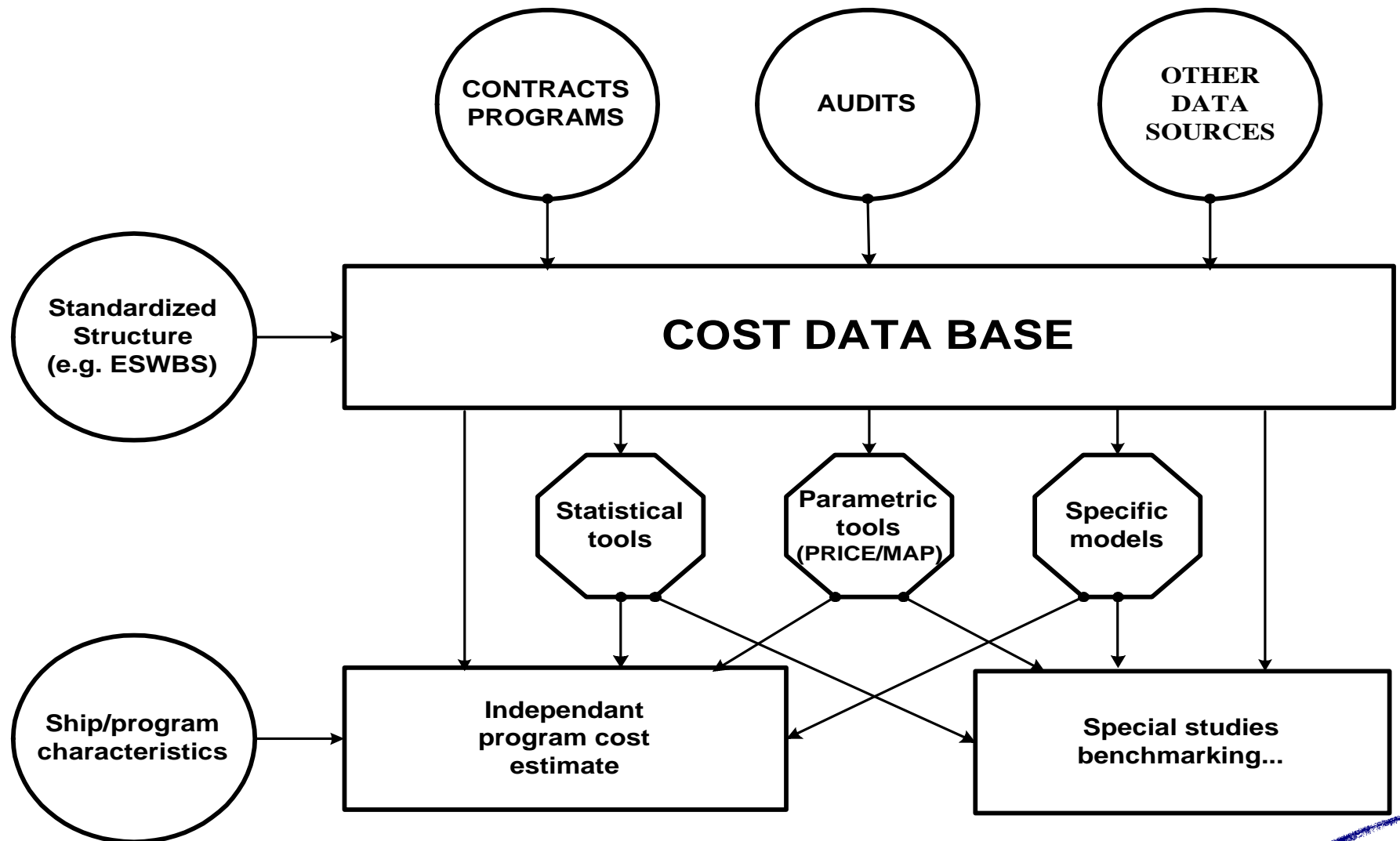
. COST AUDITING

. COST ESTIMATING

COST AUDITING

- **MAIN CONTRACTOR 'S ACCOUNTING SYSTEM AUDITS**
 - company cost structure and accepted rates (ECV) ,
 - contractor's data base;
- **CONTRACTOR'S ESTIMATES ANALYSIS (before contract)**
- **POST CONTRACT AUDITING (on request)**
 - report
 - cost data base

COST ESTIMATING



PROGRAM PHASES

PHASE	MIL.SPEC 'S	DGA DOSSIER	PRIMARY (DGA) RESPONSABILITY
PREPARATION	OEM : OUTLINE STAFF OBJECTIVE	DF : FEASABILITY D.	FORCE LEVEL « ARCHITECT »
FEASABILITY	FCME : EXPLORATORY STATEMENT OF MIL. NEED	DO : ORIENTATION D.	FORCE LEVEL « ARCHITECT » PROGRAM MANAGER
(CONTRACT) DEFINITION	FCMP : PROVISORY STATEMENT OF MIL. NEED	DLD : DEV. LAUNCH D.	PROGRAM MANAGER
DEVELOPMENT	FCMR : REFERENCE STATEMENT OF MIL. NEED	DLD : PRODUCTION LAUNCH D	PROGRAM MANAGER

IN SERVICE

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N-TCD (Future LPD) PROGRAM

STATUS : PREPARATION PHASE

OUTLINE STAFF OBJECTIVE (AT FORCE LEVEL) :

. PROJECTION OF A GIVEN FORCE ASHORE (PRIMARY MISSION)

. GIVEN : - TWO EXISTING LPD 's

- PROGRAM ' s COST CAPS

- TIME CONSTRAINT

- PARALLEL PROGRAM : NEW (RAPID) LANDING CRAFTS

ORGANIZATION : PROGRAM « PLATEAU » (IPT)

. ALL ACTORS IN THE SAME PLACE FOR A GIVEN PERIOD OF TIME

(Army - Navy - Force Level Architect - Integrated DGA Program Team

Industry (DCN)

N-TCD (Future LPD) PROGRAM

. TARGET TO COST (Acquisition) :

- " PLATEAU" ORGANIZATION**
- FONCTIONAL ANALYSIS/VALUE ENGINEERING**

. FULL LIFE CYCLE COST APPRAISAL

. MAIN ISSUES :

- 1 VERSUS 2 ADDITIONAL SHIPS**
- LEVEL OF MERCHANT SHIPS STANDARDS**
- TRADE OFF 'S WITH LANDING CRAFTS CAPABILITIES**

. PROCUREMENT STRATEGY (and industrial policy)